

45  
421  
Subclass  
Class  
Issue Classification

5674452

UTILITY SERIAL NUMBER	00/548018	PATENT DATE OCT 07 1997	PATENT NUMBER	 5674452
SERIAL NUMBER 08/548,048	FILING DATE 10/25/95	CLASS 422	SUBCLASS 46	GROUP ART 1312

APPLICANTS GARY A. CARSON, GOLDEN, CO; ROBERT E. DOTY, LAKWOOD, CO; MICHAEL R. HOGLUND, THORNTON, CO; JAMES D. ISAACSON, SANDY, UT.

\*\*CONTINUING DATA\*\*\*\*\*

VERIFIED THIS APPN IS A DIV OF 08/261,308 06/16/94 PAT 5,489,413  
WHICH IS A CON OF 08/050,641 04/22/93, abandoned  
WHICH IS A CIP OF 07/970,781 11/03/92 PAT 5,470,531

\*\*FOREIGN/PCT APPLICATIONS\*\*\*\*\*

VERIFIED

None

CERTIFICATE

DEC 09 1997

OF CORRECTION

FOREIGN FILING LICENSE GRANTED 12/28/95

Foreign priority claimed 35 USC 119 conditions met	<input type="checkbox"/> yes <input checked="" type="checkbox"/> no	<input type="checkbox"/> yes <input checked="" type="checkbox"/> no	AS FILED →	STATE OR COUNTRY CO	SHEETS DRWGS. 8	TOTAL CLAIMS 1	INDEP. CLAIMS 1	FILING FEE RECEIVED \$750.00	ATTORNEYS DOCKET NO. 4914.0007-02
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Verified and Acknowledged Examiner's Initials FINNEGAN HENDERSON FARABOW GARRETT  
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WASHINGTON DC 20005-3315

ADDRESS

TITLE EXCHANGERS AND EFFICIENT METHODS OF MANUFACTURE

HOLLOW FIBER BLOOD OXYGENATOR

ITEM:

U.S. DEPT. OF COMM./PAT. & TM—PTO-436L (Rev.12-94)

PARTS OF APPLICATION FILED SEPARATELY		<i>St. Smith</i> Applications Examiner	
NOTICE OF ALLOWANCE MAILED  3 - 13 - 97		CLAIMS ALLOWED	
		Total Claims 12	Print Claim 1
Assistant Examiner  <i>M. Bhat</i>		DRAWING	
Amount Due \$1,290.00		Sheets Drwg. 8	Figs. Drwg. 9
Date Paid 10-6-97		Print Fig. 3	
Label Area		ISSUE BATCH NUMBER <i>K-53</i>	
Primary Examiner NIÑA BHAT PRIMARY EXAMINER GROUP 1300			
PREPARED FOR ISSUE			
WARNING: The information disclosed herein may be restricted. Unauthorized disclosure may be prohibited by the United States Code Title 35, Sections 122, 181 and 368. Possession outside the U.S. Patent & Trademark Office is restricted to authorized employees and contractors only.			

Form PTO-436A  
(Rev. 8/92)

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(FACE)

PATENT NUMBER		ORIGINAL CLASSIFICATION			
		CLASS	SUBCLASS		
		422	46		
APPLICATION SERIAL NUMBER		CROSS REFERENCE(S)			
08/548,048		CLASS	SUBCLASS (ONE SUBCLASS PER BLOCK)		
APPLICANT'S NAME (PLEASE PRINT)		422	48		
Carson et al		210	321.76 321.84 645		
IF REISSUE ORIGINAL PATENT NUMBER		604	4		
INTERNATIONAL CLASSIFICATION					
A	6	1	M	1 / 14	
A	6	1	M	1 / 34	
GROUP ART UNIT	ASSISTANT EXAMINER (PLEASE STAMP OR PRINT FULL NAME)				
1312	N. Chat				
PRIMARY EXAMINER (PLEASE STAMP OR PRINT FULL NAME)					

PTO 270  
(REV. 5-91)

ISSUE CLASSIFICATION SLIP

U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICE